

Please replace the paragraph beginning at page 14, line 15 with:

While the above illustrative embodiments (module 26 and module 42) were described using three nodes 28a through 28c, the method of the invention may also be carried out with a module having one or more nodes. As illustrated, the method of the invention may be carried out with or without device driver services (IO coordinator 44, or *other like messaging services*).  
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In the claims

Please cancel claims 1-9.

Please add the following claims.

10. A method for providing a transaction layer for a module having at least one node connected to a serial bus that configures a link device for each of said at least one nodes comprising:
  - detecting a link driver;
  - receiving capabilities of said link driver;
  - generating a link driver configuration for said link driver from said capabilities of said driver; and
  - loading said link driver configuration into said link driver.
11. The method of claim 10 further comprising:
  - querying said link driver for said capabilities.
12. The method of claim 11 further comprising:
  - receiving said capabilities of said link driver from said link driver.
13. The method of claim 10 further comprising:
  - storing said capabilities of said link driver.
14. The method of claim 13 wherein said step of storing said capabilities comprises:
  - generating a node in a linked list for said link driver; and
  - storing said capabilities of said link driver in a data field of said node.

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15. The method of claim 10 further comprising:  
receiving configuration information for said link driver.
  16. The method of claim 15 wherein said step of generating said link driver configuration comprises:  
generating said link driver configuration from said capabilities and said configuration information.
  17. The method of claim 15 further comprising:  
storing said configuration data.
  18. The method of claim 17 further comprising:  
generating a node in a linked list for said link driver; and  
storing said configuration information of said link driver in a data field of said node.
  19. The method of claim 10 further comprising:  
receiving an input of user defined configuration data for said link driver.
  20. The method of claim 19 wherein said step of generating said link driver configuration comprises:  
generating said link driver configuration from said capabilities and said user defined configuration data.
  21. A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to provide a transaction layer for a module having at least one node connected to a serial bus that configures a link device for each of said at least one nodes that performs a method comprising:  
detecting a link driver;  
receiving capabilities of said link driver;  
generating a link driver configuration for said link driver from said capabilities of said driver; and  
loading said link driver configuration into said link driver.

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- 22. The program storage device of claim 21 wherein said method further comprises:  
querying said link driver for said capabilities.
  - 23. The program storage device of claim 22 wherein said method further comprises:  
receiving said capabilities of said link driver from said link driver.
  - 24. The program storage device of claim 21 wherein said method further comprises:  
storing said capabilities of said link driver.
  - 25. The program storage device of claim 24 wherein said step of storing said capabilities comprises:  
generating a node in a linked list for said link driver; and  
storing said capabilities of said link driver in a data field of said node.
  - 26. The program storage device of claim 21 wherein said method further comprises:  
receiving configuration information for said link driver.
  - 27. The program storage device of claim 26 wherein said step of generating said link driver configuration comprises:  
generating said link driver configuration from said capabilities and said configuration information.
  - 28. The program storage device of claim 27 wherein said method further comprises:  
storing said configuration data.
  - 29. The program storage device of claim 28 wherein said method further comprises:  
generating a node in a linked list for said link driver; and  
storing said configuration information of said link driver in a data field of said node.
  - 30. The program storage device of claim 21 wherein said method further comprises:  
receiving an input of user defined configuration data for said link driver.

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31. The program storage device of claim 30 wherein said step of generating said link driver configuration comprises:

generating said link driver configuration from said capabilities and said user defined configuration data.